



U-PROX AUTO TAG USER MANUAL

List 

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Description

A contactless active identifier designed for vehicle identification as well as for enhancing logistics efficiency in the transportation of goods and cargo.

It can be used for marking vehicles, large objects, carts, containers, etc.

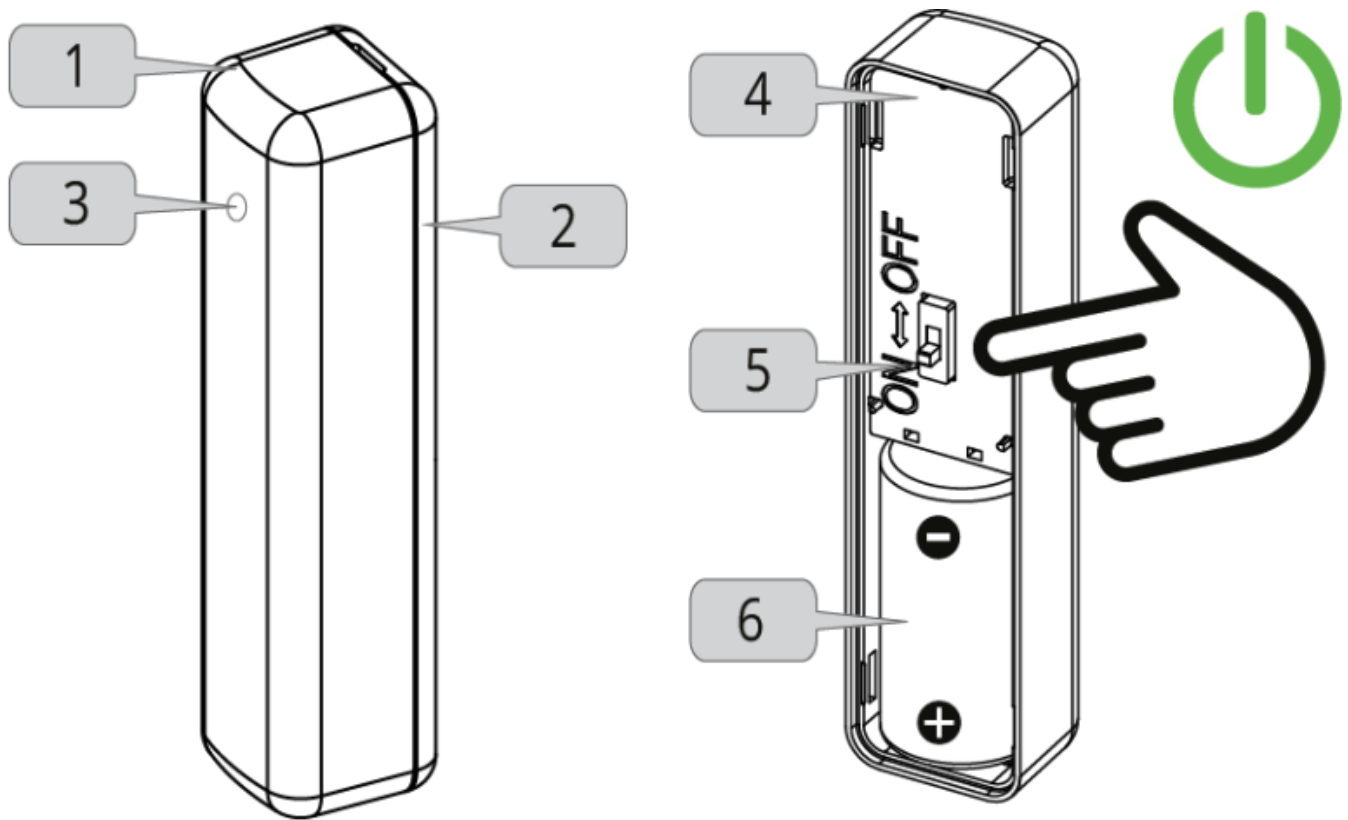
replacing the power source with an incorrect type may cause a fire or explosion. dispose of used power sources according to local laws and regulations.

u-prox auto tag is shipped off. to turn the device on, move the switch to the on position

Features

U-PROX Auto Tag works only with readers of the U-PROX SL and U-PROX SE series and is used to transmit the identifier.

Device Functional Elements



1. 1. Upper cover of the device housing
2. 2. Lower plate of the device housing
3. 3. LED indicator
4. 4. Device capsule
5. 5. Power on/off switch
6. 6. Power source, CR123A battery

Operating Modes

U-PROX Auto Tag operates in the “active identifier” mode.

Active Identifier

In this mode, U-PROX Auto Tag periodically, once every 0.5 seconds, transmits brief information about itself and its readiness to interact with the reader over the radio.

Upon receiving such a notification, the reader calculates the distance to the U-PROX Auto Tag, and if it matches the one set in the reader and the reader has not yet interacted with this U-PROX Tag, data is exchanged between the reader and the tag. The reader transmits the identifier code obtained from the U-Prox Tag to the controller.

for re-interaction with the reader, u-prox auto tag must leave the reader's range or stop transmitting its signal for more than 6 seconds.

Using U-PROX Tag

Readers support hardware active mobile identifiers U-PROX Tag and U-PROX Auto Tag.

Interaction with Readers in “Door” Mode

Approach the reader at a distance of 0.5 – 1 m with your U-PROX Auto Tag. Data will be exchanged between the reader and the tag, and the reader will transmit the identifier code obtained from the U-PROX Auto Tag to the controller.

If the code meets the access rules, the controller will allow passage (unlock the door, etc.).

Interaction with Readers in “Barrier” Mode

Approach the reader at a distance of 3 – 12 m (depending on the reader's settings) with your U-PROX Auto Tag. Data will be exchanged between the reader and the tag, and the reader will transmit the identifier code obtained from the U-PROX Tag to the controller.

If the code meets the access rules, the controller will allow passage (open the barrier, etc.).

Registration in the Access Control System

Bring the turned-off U-PROX Auto Tag close to the desktop reader at a distance of 10 – 20 cm and turn on the device. The code will be read and transmitted to the access control system for further registration.

Warranty

The warranty period for U-PROX devices (excluding power sources) is 2 years from the date of purchase. If the device does not operate properly, please contact support@u-prox.systems first, as the issue may be resolved remotely.